

Date: Mon, 16 May 94 04:30:11 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #147
To: Ham-Equip

Ham-Equip Digest Mon, 16 May 94 Volume 94 : Issue 147

Today's Topics:

 2m HT: Opinions Plea
 ? Mods for TM742E
 ALINCO 580 Question
 Guide to the Personal Radio Newsgroups
 HT Info Request
 Looking for used 1.2Ghz Mobile
 Newbie WARNING to fellow Newbies
 TH78 No more 800 mhz rx?
 Yeasu Ft-530

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 May 94 15:49:42 GMT
From: agate!howland.reston.ans.net!gatech!newsfeed.pitt.edu!nntp.club.cc.cmu.edu!
cantaloupe.srv.cs.cmu.edu!dolphins!ed@ucbvax.berkeley.edu
Subject: 2m HT: Opinions Plea
To: ham-equip@ucsd.edu

I have had one of the Radio Shack 2m Rigs also.
I also have a vintage icom ic2at (thumbwheel tuned ht)
and a bearcats vhf lo/hi/uhf scanner.

Our office is loaded with thin ethernet & twisted pair & run about 1 cpu for
every 100 square feet. MAJOR QRM anywhere in or near building. Inside its
even worse, brick & block walls with metal roof & metal skin over outside walls
to shield against any outside radio signals.

I have brought all radios I own to work on occasion over the last year.

The bearcat won't clearly receive 2m repeaters within 20' of the building.
(now this is a very wideband radio 30mhz-500 something mhz)

The RS 202 will receive 2m into the building about 5' inside main door.
The RS202 blows away the bearcat at home too listening to repeaters with
the duck inside of trailer. Noticably less noise & better sounding audio.

The Icom 2at will receive 2m about 15-20 feet into the building.
The Icom is the best of all, although it won't scan like the RS 202.
Oh well what do you expect for \$90 used at a hamfest?! {-)

You said:

That surprises me, Kevin. All the reviews I've seen say the "202" has
about the best immunity to intermod of any HT because of the fact that
it's strictly a 2-meter receiver (no out of band receive).

Now this is not a subjective test, but there may be room for improvement on
the RS intermod ability.

My \$.02

Ed Bathgate

Expecting to be N3T?? in mid June {-)

Date: 14 May 94 11:42:08 +0200
From: yale.edu!xlink.net!zib-berlin.de!news.belwue.de!delos.stgt.sub.org!
life.sub.org!Uwe_Boehringer@yale.arpa
Subject: ? Mods for TM742E
To: ham-equip@ucsd.edu

Hello,

i am searching for all modifications for this nice rig.
Specially with the 10m Modul UT28s

Replies please also to DH1SBM@DB0LX.DEU.EU

Thank you for reading and any reply.

73 - Uwe

Date: 16 May 1994 00:49:05 GMT
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!news.kei.com!ssd.intel.com!chnews!
cmoore@network.ucsd.edu
Subject: ALINCO 580 Question
To: ham-equip@ucsd.edu

Michael J. Betz (piper@netcom.com) wrote:
: Several weeks ago there was a posting on modifications to the Alinco
: 580. In addition to the mod in the manual suggesting cutting the red
: wire under the battery holder plate, someone suggested cutting the blue
: wire. What does this mod - cutting the blue wire - do? Thanks - Mike.

Cutting one wire opens up the receive... cutting the other opens up
transmit. It will not transmit in the cellular 8xx MHz band but it
will receive there.

73, KG7BK, CecilMoore@delphi.com

Date: Sun, 15 May 1994 13:45:32 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!wupost!crcnis1.unl.edu!
news.unomaha.edu!news@network.ucsd.edu
Subject: Guide to the Personal Radio Newsgroups
To: ham-equip@ucsd.edu

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/personal-intro
Revision: 1.5 12/18/93 14:15:53
Changes: new mailing lists, .packet rmgroup, and .policy updates

(Note: The following is reprinted with the permission of the author.)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info,
and rec.radio.swap newsgroups. It is intended to serve as a guide for the new
reader on what to find where. Questions and comments may be directed to the
author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 18 September
1993 to add the mailing lists for the new rec.radio.amateur newsgroups, to
note the rmgroup of rec.radio.amateur.packet, and to officially retire some
(in)famous threads of discussion on rec.radio.amateur.policy.

History
=====

Way back when, before there was a Usenet, the Internet hosted a mailing list

for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: net.ham-radio.packet and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from net.ham-radio[.packet] to rec.ham-radio[.packet]. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: rec.ham-radio.swap. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the rec.radio.shortwave and rec.radio.noncomm newsgroups, and established the precedent of the rec.radio.* hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the rec.radio.* hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in `rec.radio.amateur.misc`. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the `rec.radio.amateur` hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: `rec.radio.amateur.digital.misc` (to replace `.packet`), `.equipment`, `.homebrew`, `.antenna`, and `.space`.

The Current Groups =====

I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is `rec.radio.amateur.misc`. It is what `rec.ham-radio` was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group `rec.radio.amateur.digital.misc` is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, `rec.radio.amateur.packet`, should be removed by September 21st, 1993. It is obsolete, and you should use `.digital.misc` instead (or the appropriate new mailing list, mentioned below). The group has `.misc` as part of the name to allow further specialization if the users wish it, such as `.digital.tcp-ip`.

The swap group is now `rec.radio.swap`. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially `.equipment` and `.homebrew`, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in `rec.radio.swap`; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is `rec.radio.amateur.policy`. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The other added group is `rec.radio.cb`. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in `rec.ham-radio` in the past; please do not cross-post to both `rec.radio.cb` and `rec.radio.amateur.*` unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The `rec.radio.info` group is just what its name implies: it's the place where informational messages from across `rec.radio.*` may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is `rec-radio-info@ve6mgs.ampr.ab.ca`. Inquires and other administrivia should be directed to `rec-radio-request@ve6mgs.ampr.ab.ca`. For more information about `rec.radio.info`, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups `rec.radio.amateur.antenna`, `.equipment`, `.homebrew`, and `.space` are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The `.equipment` group is not the place for buying or selling equipment; that's what `rec.radio.swap` is for. Similarly, the `.space` group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's `rec.crafts.brewing`), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for `rec.radio.swap` and `rec.radio.cb`, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to `listserv@ucsd.edu` for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a

gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting

=====

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"If my car ran OS/2, it'd be there by now" -- bumper sticker

GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Date: 13 May 94 19:46:08 GMT

From: agate!howland.reston.ans.net!gatech!news-feed-2.peachnet.edu!news-feed-1.peachnet.edu!news.duke.edu!solaris.cc.vt.edu!rhodes!

To: ham-equip@ucsd.edu

I am eight days away from our local HAMFest and I plan to buy a dual band 2m/70cm HT in the \$400 price range. In researching, I have been leaning towards the Yaesu FT-530, but there are several around the same cost.

Standard C528A (costs more)

I would appreciate any opinions (pro or con) about these radios. Thanks...

Virginia Tech(waiting for my ticket)

To: ham-equip@ucsd.edu

I'm looking to buy a 1.2Ghz mobile. Would like something at least almost new and will pay a reasonable % of the new price. I don't need a lot of fancy bells and whistles. 20 memories and a few simple scan modes would be fine. Must be in good to excellent condition.

I also need what ever peripherals I can muster to put it in my car (antenna, cable, etc.). Please contact me by email at address below, or by phone at work during business hours (U.S. West Coast time zone) at 415 461-6790 x5211. If I'm not there, just leave a message with your phone # and I'll call you back.

mjr@crl.com

Internet: mjr@crl.com

Date: 11 May 94 19:18:25 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!aries!
hawley@ucbvax.berkeley.edu
Subject: Newbie WARNING to fellow Newbies
To: ham-equip@ucsd.edu

rnimtz@moe.helios.nd.edu (richard nimtz) writes:

>Try using an earphone or VOX headset while mobile. The volume doesn't have to
>be turned up as loud which saves on batteries. Having the sound source sticking
>in your ear makes it a whole lot easier to hear than a sound source two feet
>away. With the windows open I doubt the VOX would be useful, in that instance
>just use the PTT when you want to transmit.

>What are the legalities of using a headset/earphone while mobile? I searched
>the Indiana Code index the other day and didn't find anything related to it.

>-Rick Nimtz

>-N9TJG

>-nimtz.1@nd.edu

>-South Bend, Indiana

In Illinois, an licensed amateur radio operator with an amateur radio
license PLATE on the car, can use a headset with ONE earphone. This is
a state law in Illinois.

Chuck Hawley KE9UW, Urbana,IL

Date: 15 May 94 11:55:05 EDT
From: ihnp4.ucsd.edu!agate!spool.mu.edu!torn!falcon.ccs.uwo.ca!uwovax.uwo.ca!
ppddgc@network.ucsd.edu
Subject: TH78 No more 800 mhz rx?
To: ham-equip@ucsd.edu

I just bought a Kenwood TH78A Dual Band at Dayton and have had the wide band
modifications done to it. Important to me was 800 mhz public safety receive
but it seems that it will not cover there. It will receive the 300 mhz
extended rx but not 800 mhz.

The tech did the D3, D4, and removed the W1 jumper. D1, D2, D5 and D6 are
all present. We did the memory reset. Did we miss something?

Any help would be appreciated.

Dave Colvin VE3ZDC

University of Western Ontario
London, Ontario, Canada
ppddgc@uwoadmin.uwo.ca

Date: 15 May 1994 13:30:15 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!mailer.acns.fsu.edu!freenet3.scri.fsu.edu!
freenet3.scri.fsu.edu!not-for-mail@network.ucsd.edu
Subject: Yeasu Ft-530
To: ham-equip@ucsd.edu

David Edger (David.Edger@f239.n109.z1.fidonet.org) wrote:
: The 530 is a good rig with some nifty features like CTCSS scan,
: but I personally prefer the Alinco 580T. That radio has a super
: receiver, wide frequency coverage, and excellent audio.
: You won't be unhappy with the 530, but don't buy without
: comparing the Alinco.
: Good luck in the wait for the ticket. CU on the bands.
: 73 Dave AA5NU

I've been looking at the Yaesu FT-530 and the Alinco DJ-580 for when I eventually dump my Icom IC-24AT piece of garbage. Although I haven't played with both radios much -- just pushing buttons while at AES Clearwater -- they seem to be pretty much the same. Advantage Alinco: the volume/squelch dials are larger. Advantage Yaesu: the ability to receive two VHF or two UHF freqs, instead of one VHF and one UHF, at the same time.

73 de Steve
--

Steven J. King KC6WCH/4 EL89tq
SFCC: Stevenson.J.King@santafe.cc.fl.us
Free-Net: SJKing@freenet.fsu.edu
Packet: KC6WCH @ K4DPZ.#GNVFL.FL.USA.NA

Date: Sun, 15 May 94 18:29:04 -0500
From: yale.edu!noc.near.net!news.delphi.com!usenet@yale.arpa
To: ham-equip@ucsd.edu

References <1994Apr19.220846.14735@newsgate.sps.mot.com>,
<gregCotsyr.Hrv@netcom.com>, <pSyMMhH.jramsey@delphi.com>
Subject : Re: Ramsey 20M SSB Rig

STOP... We've plenty of volunteers! Many thanks to all who responded, I'll have to have some sort of goodie for those who did. Hum-m-m-m just got a

box of autographed copies of Cliff Stoll's book, "The Cuckoo's Egg" Now that's a good prize, we'll pick out one of the respondant's and send a book and a genuine Ramsey T-shirt. Thanks again to all! 73, John

End of Ham-Equip Digest V94 #147
